



GAU 2151
#74

Attorney Docket No.: 5543P003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

JJ GARCIA-LUNA-ACEVES, ET AL.

Application No.: 09/845,088

Filed: April 26, 2001

For: System and Method for Controlling
Access to Content Carried in a Cache
Architecture

Art Group: 2151

Examiner:

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Assistant Commissioner for Patents
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Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56 and in accordance with 37 C.F.R. § 1.97, enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of the Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

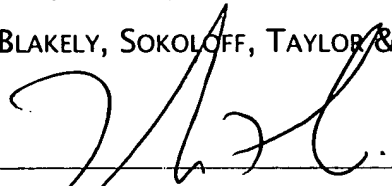
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Respectfully submitted,

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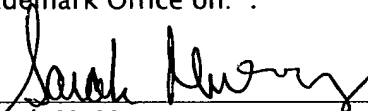
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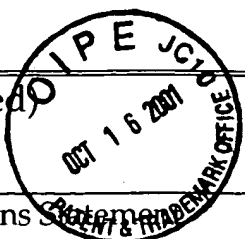
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Form PTO-1449 (Modified)		Atty Docket No.: 5543P003	Serial No.: 09/845,088
List of Patents and Publications (Use several sheets if necessary)		Applicants: J.J. Garcia-Luna-Aceves Filing Date: April 26, 2001	



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REFERENCE DESIGNATION				U.S. PATENT DOCUMENTS			
Exam. Initial		Date	Document Number	Name	Class	Sub-Class	Filing Date
		12/14/99	6,003,030	Kenner et al.			
		1/30/01	6,182,224	Phillips et al.			
		8/22/00	6,108,703	Leighton et al.			
		4/18/00	6,052,718	Gifford			

FOREIGN PATENT DOCUMENTS

No.		Document No.	Date	Country	Name	Class	Sub-Class	Translation

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

		A. Chankunthod, P. Danzig, C. Neerdaels, M. Schwartz, and K. Worrell, "A Hierarchical Internet Object Cache," Proc. USENIX Technical Conference 96, San Diego, California, January 1996
		A. Duda and M.A. Sheldon, "Content Routing in Networks of WAIS Servers," Proc. IEEE 14th International Conference on Distributed Computing Systems, June 1994
		A. Duda and M.A. Sheldon, A. Duda, R. Weiss, J.W. O'Toole, Jr., and D.K. Gifford, "A Content Routing System for Distributed Information Servers," Proc. Fourth International Conference on Extending Database Technology, March 1994
		A. Heddaya and S. Mirad, "WebWave: Globally Load Balanced Fully Distributed Caching of Hot Published Documents," Technical Report BU-CS-96-024, Boston University, Computer Science Department, October 1996
		P. Rodriguez, E.W. Biersack, and K.W. Ross, "Improving The Latency in The Web: Caching or Multicast?," Proc. Third WWW caching workshop, Manchester, UK, June 1998
		D. Karger, E. Lehman, T. Leighton, M. Levine, D. Lewin, and R. Panigrahy, "Consistent Hashing and Random Trees: Distributed Caching Protocols for Relieving Hot Spots on the World Wide Web," Proc. 29th ACM Symposium on Theory of Computing (STOC 97), El Paso, Texas, 1997
		D. Karger, Sherman A. Berkheimer, B. Bogstad, R. Dhanidina, K. Iwamoto, B. Kim, L. Matkins, and Y. Yerushalmi, "Web Caching with Consistent Hashing," Proc. 8th International World Wide Web Conference, Toronto, Canada, May 1999
		D. Small and W.W. Chu, "A Distributed Data Base Architecture for Data Processing in a Dynamic Environment," Proc. COMPCON 79 Spring

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	<input checked="" type="checkbox"/>	D. Wessels and K. Claffy, "Internet Cache Protocol (ICP), Version 2, RFC 2186, September 1997
	<input checked="" type="checkbox"/>	D. Wessels, "Squid Internet Object Cache," http://www.squid.org , August 1998
	<input checked="" type="checkbox"/>	D.G. Thaler and C.V. Ravishankar, "Using Name Based Mappings To Increase Hit," IEEE/ACM Trans. Networking, 1998
	<input checked="" type="checkbox"/>	G. Chiu, C.S. Rahgavendra, and S.M. Ng, "Resource Allocation with Load Balancing Consideration in Distributed Computing Systems," Proc. IEEE INFOCOM 89, Ottawa, Ontario, Canada, April 1989, pp. 758-765
	<input checked="" type="checkbox"/>	H.L. Morgan and K.D. Levin, "Optimal Program and Data Location in Computer Networks," Communications of the ACM, Vol. 20, No. 5, May 1977
	<input checked="" type="checkbox"/>	J.D. Guyon and M.F. Schwartz, "Locating Nearby Copies of Replicated Internet Servers," Technical Report CU-CS-762-95, Department of Computer Science, University of Colorado- Boulder, February 1995
	<input checked="" type="checkbox"/>	K.W. Ross, "Hash Routing for Collections of Shared Web Caches," IEEE Network, Vol. 1, No. 6, November 1997, pp. 37-44
	<input checked="" type="checkbox"/>	L. Zhang, S. Michel, S. Floyd, and V. Jacobson, "Adaptive Web Caching: Towards a New Global Caching Architecture," Proc. Third International WWW Caching Workshop, Manchester, England, June 1998
	<input checked="" type="checkbox"/>	B.S. Michel, K. Nikoloudakis, P. Reiher, and L. Zhang, "URL Forwarding and Compression in Adaptive Web Caching," Proc. IEEE Infocom 2000, Tel Aviv, Israel, April 2000
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	P. Rodriguez and E.W. Briesack, "Continuous Multicast Push of Web Documents over The Internet," IEEE Network Magazine, Vol. 12, No. 2, pp. 18-31, 1998
	Proc. ACM SIGCOMM 95 Conference, Cambridge, Massachusetts, August 1995, pp. 288-298
	R. Tewari, M. Dahlin, H.M. Vin and J.S. Kay, "Design Considerations for Distributed Caching on the Internet," Proc. IEEE 19th International Conference on Distributed Computing Systems, May 1999
	S. Mahmoud and J.S. Riordon, "Optimal Allocation of Resources in Distributed Information Networks," ACM Transactions on Data Base Systems, Vol. 1, No. 1, March, 1976
	T. Berners-Lee, "Information Management: A Proposal," CERN Document, March 1989
	W.W. Chu, "Optimal File Allocation in a Multiple Computer System," IEEE Transactions on Computers, October 1969
	W.W. Chu, "Performance of File Directory Systems for Data Bases in Star and Distributed Networks," "Proc. National Computer Conference, 1976, pp. 577-587
	Z. Fei, S. Bhattacharjee, E.W. Zegura, and H.M. Ammar, "A Novel Server Selection Technique for Improving The Response Time of a Replicated Service," Proc. IEEE Infocom 98, March 1998, pp. 783-791
	R. Tewari, "Architectures and Algorithms for Scalable Wide-area Information Systems," Ph.D. Dissertation, Chapter 5, Computer Science Department, University of Texas at Austin, August 1998
	http://www.nlar.net/Cache/ICP/draft-vinod-icp-traffic-dist-00.txt , September 10, 2001
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